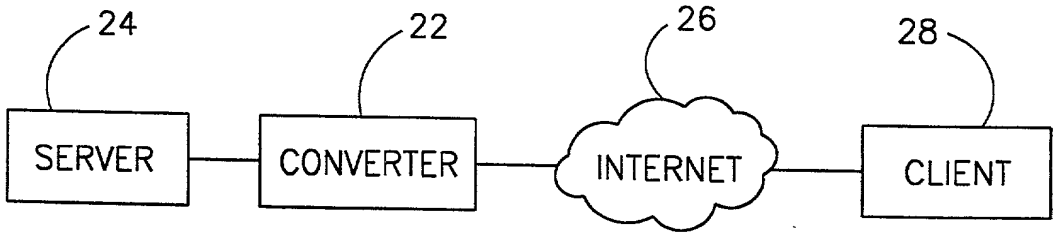

FIG. 1A

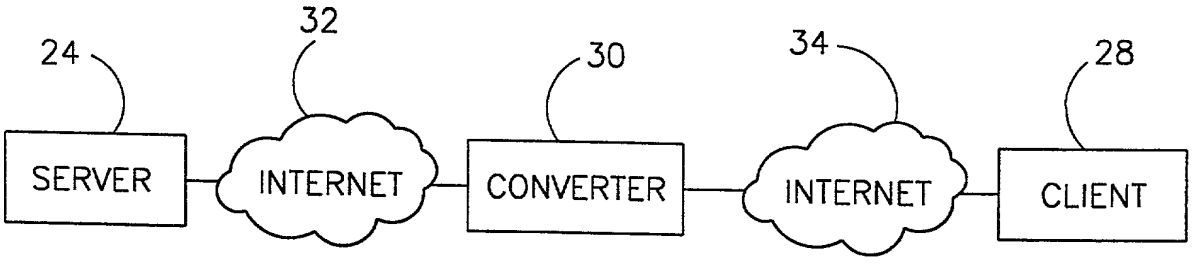

FIG. 1B

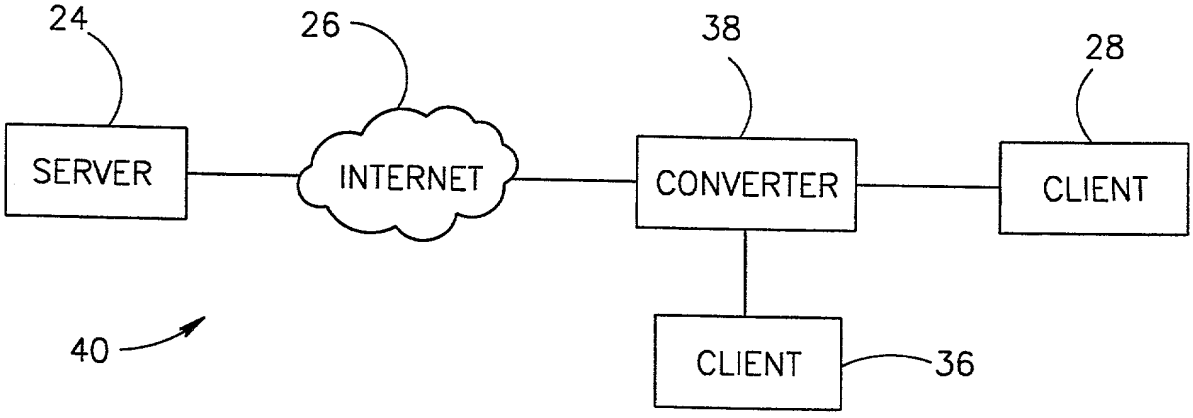

FIG. 1C

```
<HTML><HEAD><TITLE>Example</TITLE></HEAD><BODY
BACKGROUND="bg.gif">
<H1>Example</H1>                                    10
HTML supports <FONT COLOR="#FF0000">red</FONT>, and many other
colors.<BR>
It also supports various <FONT SIZE=+4>s</FONT><FONT
SIZE=+3>i</FONT><FONT SIZE=+2>z</FONT><FONT
SIZE=+1>e</FONT>s.<BR>
It even supports any <FONT SIZE=+5
COLOR="#FF0000">combination</FONT>.<BR>
<FORM METHOD=GET ACTION="cgi.bin">Do you agree?
<INPUT TYPE=text NAME=name><INPUT TYPE=submit>
</FORM></BODY></HTML>
                                                    12
```

Fig. 2A

```
<HTML><HEAD><TITLE>Example</TITLE></HEAD><BODY
BACKGROUND="bg.gif">
<H1><IMG ALIGN=ABSMIDDLE SRC=GAAAAFhXYtBHblB.b64></H1>
<IMG ALIGN=ABSMIDDLE                                14
SRC=DAAAAIRVTMByc1BHcvJHdzBC.b64><FONT COLOR="#FF0000"><IMG
ALIGN=ABSMIDDLE SRC=D@DAAyVGZ.b64></FONT><IMG
ALIGN=ABSMIDDLE
SRC=DAAAAsASYuRGItFmb5Byb0hWZyByYvx2byNnL.b64><BR>
<IMG ALIGN=ABSMIDDLE
SRC=DAAAAJRHIhx2cvByc1BHcvJHdzBidhJXavV3cgA.b64><FONT
SIZE=+4><IMG ALIGN=ABSMIDDLE SRC=GAAAAzB.b64></FONT><FONT
SIZE=+3><IMG ALIGN=ABSMIDDLE SRC=GAAAApB.b64></FONT><FONT
SIZE=+2><IMG ALIGN=ABSMIDDLE SRC=FAAAA6B.b64></FONT><FONT
SIZE=+1><IMG ALIGN=ABSMIDDLE SRC=EAAAAlB.b64></FONT><IMG
ALIGN=ABSMIDDLE SRC=DAAAAz5C.b64><BR>
<IMG ALIGN=ABSMIDDLE
SRC=DAAAAJRHIlZXZuByc1BHcvJHdzBSYulHI.b64><FONT SIZE=+5
COLOR="#FF0000"><IMG ALIGN=ABSMIDDLE
SRC=G@DAAj9WbilmbhRXav5G.b64></FONT><IMG ALIGN=ABSMIDDLE
SRC=DAAAAuA.b64><BR>
<FORM METHOD=GET ACTION="cgi.bin"><IMG ALIGN=ABSMIDDLE
SRC=DAAAAE9GI59WdgE2ZyVWZ@A.b64>                    16
<APPLET CODE="text.class" HEIGHT=40 NAME="name" WIDTH="100">
</APPLET><APPLET CODE="submit.class" WIDTH=60 HEIGHT=30
NAME="cgi.bin"></APPLET></FORM></BODY></HTML>
```

Fig. 2B

09614518.082800

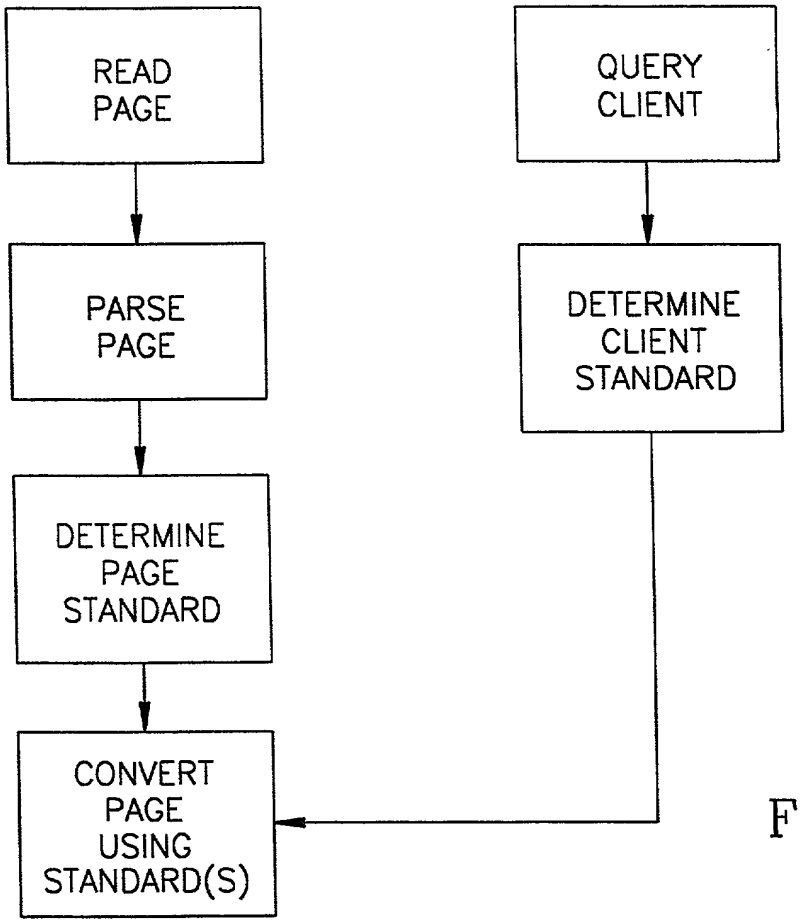
READ PAGE
QUERY CLIENT
PARSE PAGE
DETERMINE CLIENT STANDARD
DETERMINE PAGE STANDARD
CONVERT PAGE USING STANDARD(S)

FIG.3

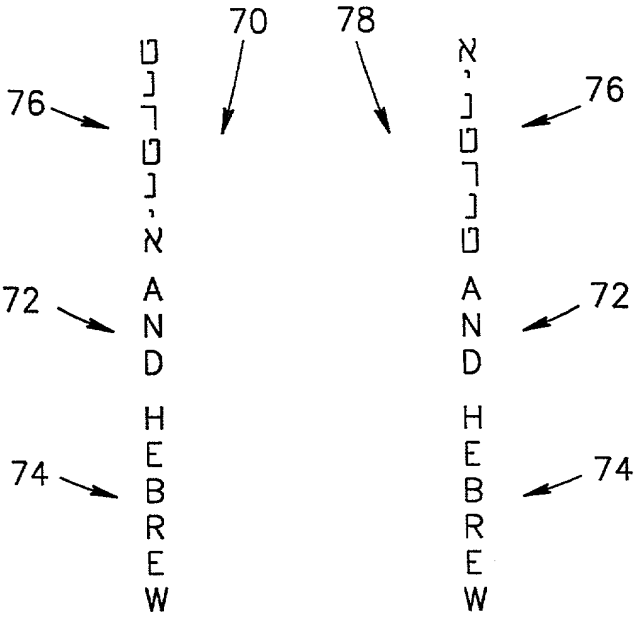
70
78
76
76
72
72
74
74
AND HEBREW
AND HEBREW

FIG.4

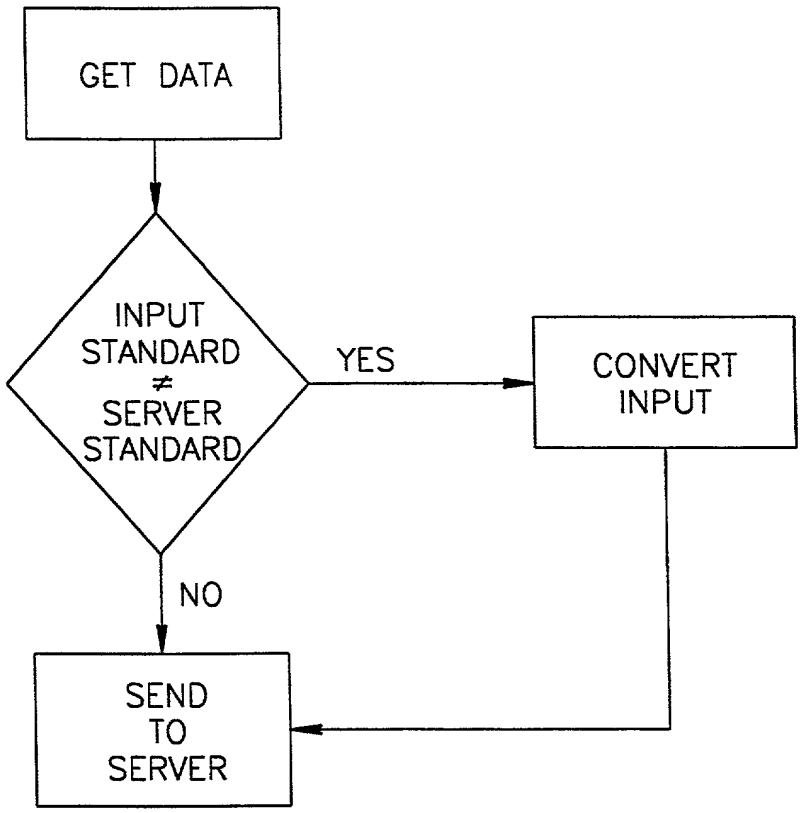
GET DATA
INPUT STANDARD ≠ SERVER STANDARD
YES
CONVERT INPUT
NO
SEND TO SERVER

FIG.5

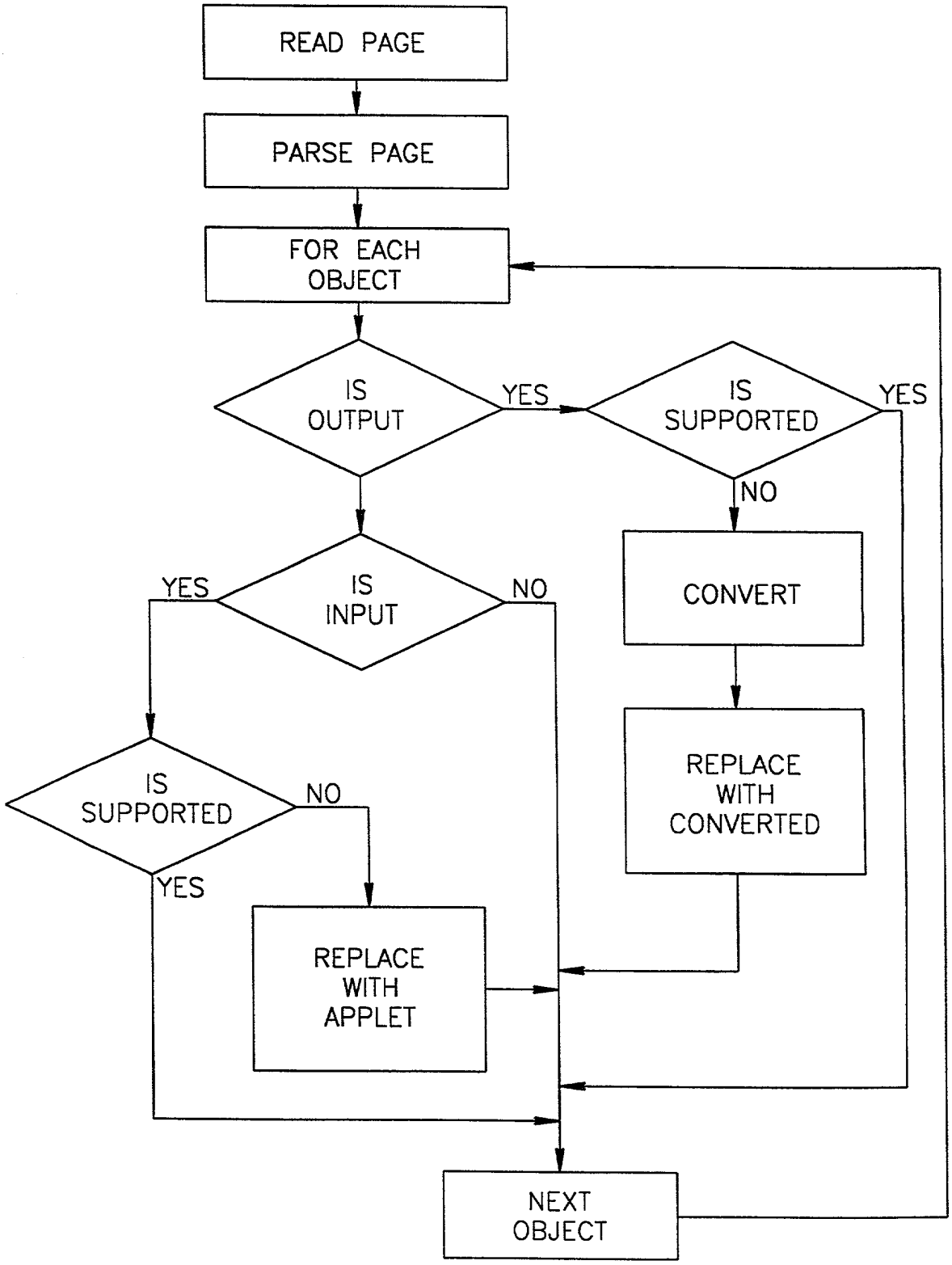
READ PAGE
PARSE PAGE
FOR EACH OBJECT
IS OUTPUT
YES
IS SUPPORTED
YES
NO
CONVERT
REPLACE WITH CONVERTED
IS INPUT
YES
NO
IS SUPPORTED
NO
YES
REPLACE WITH APPLET
NEXT OBJECT

FIG.6

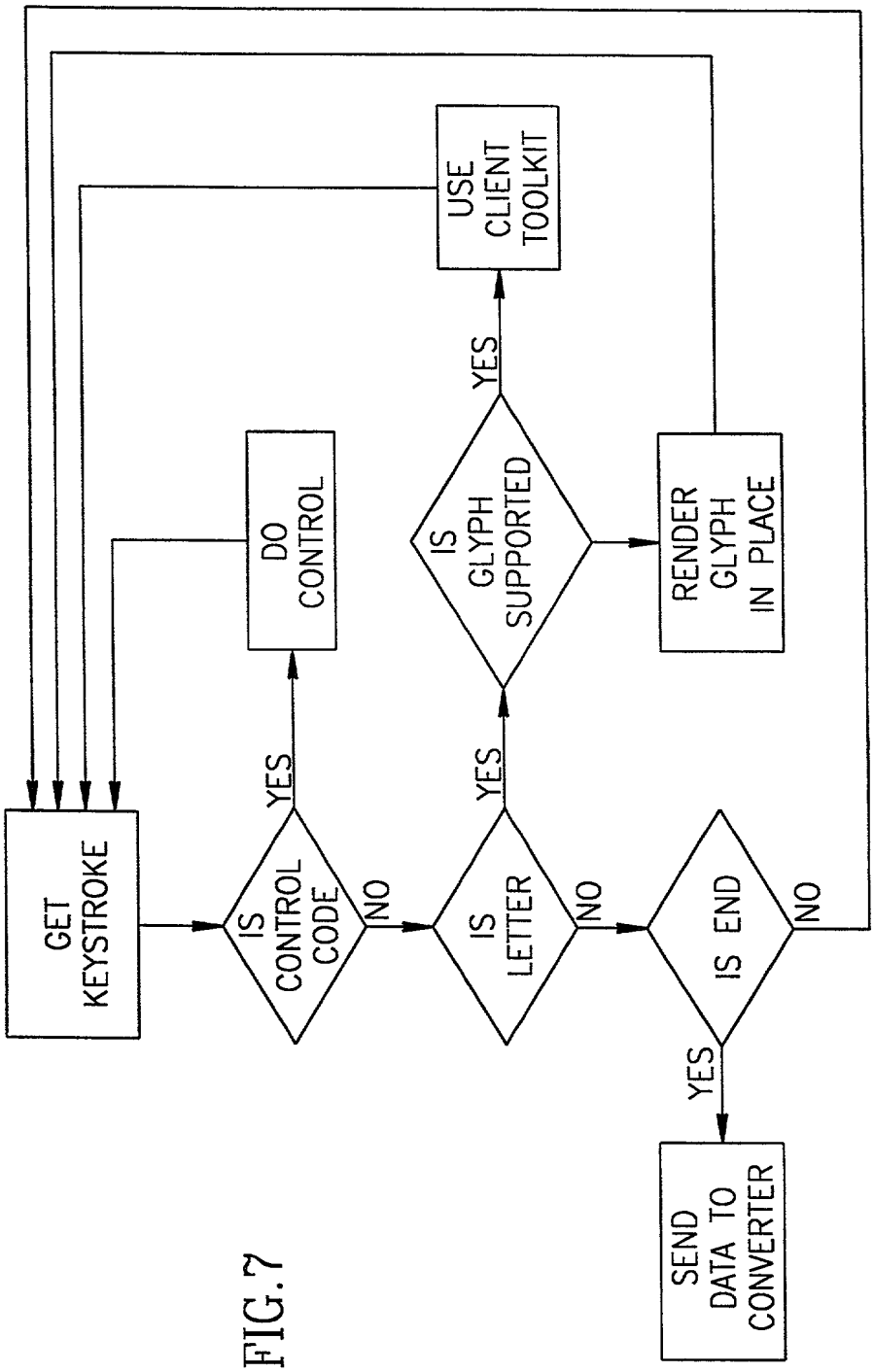
GET KEYSTROKE
IS CONTROL CODE
YES
NO
DO CONTROL
IS LETTER
YES
NO
IS GLYPH SUPPORTED
YES
USE CLIENT TOOLKIT
RENDER GLYPH IN PLACE
IS END
NO
YES
SEND DATA TO CONVERTER

FIG.7